

anti- Streptococcus NADase Inhibitor antibody, rabbit polyclonal

64-004 100 µl

Shipping and Storage: Shipped at 4°C or -20°C and store at -20°C.

Immunogen: Purified recombinant His-tagged NADase inhibitor of *S. dysgalactiae* expressed in *E. coli*

Reactivity: NADase inhibitor of Streptococcus

Form: Undiluted rabbit antiserum added with 0.09 % sodium azide

Applications

- 1) Western blotting (1/3,000 dilution)
- 2) Immunoprecipitation
- 3) ELISA

Background: NAD (nicotinamide adenine dinucleotide) hydrolyzing enzyme is one of the extracellular enzymes and toxins produced by hemolytic streptococci. NADase inhibitor forms a complex with NADase in cells and only NADase is secreted into culture medium.

Data Link UniProtKB [U3TL99](#) (Streptococcal NAD glycohydrolase inhibitor)

References : This antibody was described and used in the following publication..

Kimoto H *et al* "Genetic and biochemical properties of streptococcal NAD-glycohydrolase inhibitor" *J Biol Chem* **281**: 9181-9189 (2006) PMID: [16380378](#)

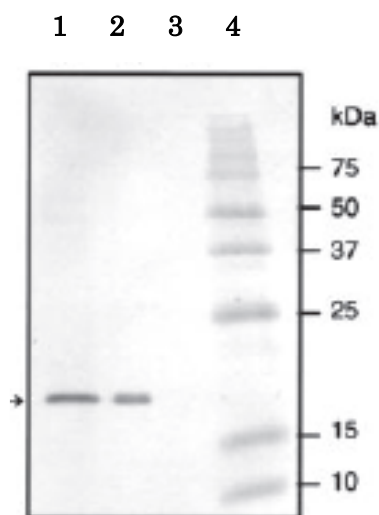


Figure. Identification of NADase inhibitor in crude extracts by western blotting with anti NADase inhibitor antibody.

The antibody was used at 1/3,000 dilution.

1. Cell lysate of *S. dysgalactiae*
2. Cell lysate of *E. coli* overexpressing His-tagged NADase NADase inhibitor.
3. Culture supernatant of *S. dysgalactiae*
4. Molecular size markers.

* This product is for research use only, not for human use.